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+

PTO/SB/21 (8-00)

Approved for use through 10/31/2003. OMB 0651-0021  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

|   |                      |                      |
|---|----------------------|----------------------|
| <b>TRANSMITTAL</b><br><br>NO <del>ENCLOSURES</del> in this submission | Application Number   | 10/066,408           |
|   | Confirmation Number  | 3734                 |
|   | Filing Date          | January 30, 2002     |
|   | First Named Inventor | Easterbrook, Eric T. |
|   | Group Art Unit       | 3725                 |
|   | Examiner Name        | Not assigned         |
| Attorney Docket No.   |                      | SI1-2627-U-C5        |

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 AUG 27 2004  
 TECHNOLOGY CENTER R3700

**ENCLOSURES (check all that apply)**

|   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br>Fee Attached  | <input type="checkbox"/> Assignment Papers<br>(for an application)  | <input type="checkbox"/> After Allowance<br>Communication to<br>Group   |
| <input checked="" type="checkbox"/> Amendment/Response<br>After Final<br><input type="checkbox"/> Affidavits/Declaration                                  | <input type="checkbox"/> Drawing(s) FORMAL<br><input type="checkbox"/> Licensing - related<br>papers  | <input type="checkbox"/> Appeal Communication<br>to Board of Appeals<br>and Interferences                                 |
| <input checked="" type="checkbox"/> Extension of Time<br>Requests (3rd month)   | <input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert<br>to Provisional<br>Application                                | <input type="checkbox"/> Appeal Communication<br>to Group<br><input type="checkbox"/> Proprietary<br>Information          |
| <input type="checkbox"/> Express Abandonment<br>Request<br><input type="checkbox"/> Information Disclosure<br>Statement (Form SB08<br>with disclosed art) | <input type="checkbox"/> Power of Attorney,<br>Revocation, Change<br>of Correspondence<br>Address<br><input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Additional<br>Enclosures<br>identify below: |
| <input type="checkbox"/> Certified Copy of<br>Priority Document(s)  | <input type="checkbox"/> Small Entity Stmt.   | *Transmittal of Amendment<br>*Claims as Amended <u>41</u> pgs   |
| <input type="checkbox"/> Response to Missing<br>Parts/Incomplete<br>Application   | <input type="checkbox"/> Request for Refund   |   |
| <input type="checkbox"/> Response to Missing<br>Parts under 37 CFR<br>1.52 or 1.53  | <input checked="" type="checkbox"/> Return Receipt Card<br><input type="checkbox"/> Remarks   |   |

|                            |                              |                  |
|----------------------------|------------------------------|------------------|
| Firm or Individual<br>Name | R. Reams Goodloe, Jr.        | Reg. No.: 32,466 |
| Signature                  | <i>R. Reams Goodloe, Jr.</i> |                  |
| Date                       | August 20, 2004              |                  |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail [express mail label ER978820966US] in an envelope addressed to U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

|                           |                       |      |          |
|---------------------------|-----------------------|------|----------|
| Typed or printed<br>name: | RHONDA GOODLOE        |      |          |
| Signature                 | <i>Rhonda Goodloe</i> | Date | 08/20/04 |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**COMPLETE FEE TRANSMITTAL****for FY 2004**

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$) **572.00****Complete if Known**

|                      |                           |                    |      |
|----------------------|---------------------------|--------------------|------|
| Application Number   | 10/066,408                | Confirmation No. : | 3734 |
| Filing Date          | January 30, 2002          |                    |      |
| First Named Inventor | EASTERBROOK, Eric , et al |                    |      |
| Examiner Name        | Crane, D.C.               |                    |      |
| Group / Art Unit     | 3725                      |                    |      |
| Attorney Docket No.  | SI1-2627-U-C5             |                    |      |

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

|                        |                        |
|------------------------|------------------------|
| Deposit Account Number | 07-1613                |
| Deposit Account Name   | R. Reams Goodloe, P.S. |

- ☒
- Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:
- 
- ☒
- Check
- ☐
- Money Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid    |
|----------------------------|----------------------------|------------------------|-------------|
| 1001 770                   | 2001 385                   | Utility filing fee     |             |
| 1002 340                   | 2002 170                   | Design filing fee      |             |
| 1003 530                   | 2003 265                   | Plant filing fee       |             |
| 1004 770                   | 2004 385                   | Reissue filing fee     |             |
| 1005 160                   | 2005 80                    | Provisional filing fee |             |
| <b>SUBTOTAL (1)</b>        |                            |                        | <b>(\$)</b> |

**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 20**               | 6            | 34             |          |
| 3**                | 1            | 43             |          |
| Multiple Dependent |              |                |          |

\*\*or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 86                    | 2201 43                    | Independent claims in excess of 3                          |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2)</b>        |                            | <b>(\$)</b>  |

\*\*or number prev. paid, if greater.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1051 130                   | 2051 65                    | Surcharge - late filing fee or oath  |
| 1052 50                    | 2052 25                    | Surcharge - late provisional filing fee or cover sheet.                    |
| 1053 130                   | 1053 130                   | Non-English specification  |
| 1812 2,520                 | 1812 2,520                 | For filing a request for <i>ex parte</i> reexam.                           |
| 1804 920*                  | 1804 920*                  | Requesting publication of SIR prior to Examiner action                     |
| 1805 1,840*                | 1805 1,840*                | Requesting publication of SIR after Examiner action                        |
| 1251 110                   | 2251 55                    | Extension for reply within first month                                     |
| 1252 420                   | 2252 210                   | Extension for reply within second month                                    |
| 1253 950                   | 2253 475                   | Extension for reply within third month                                     |
| 1254 1,480                 | 2254 740                   | Extension for reply within fourth month                                    |
| 1255 2,010                 | 2255 1005                  | Extension for reply within fifth month                                     |
| 1401 330                   | 2401 165                   | Notice of Appeal   |
| 1402 330                   | 2402 165                   | Filing a brief in support of an appeal                                     |
| 1403 290                   | 2403 145                   | Request for oral hearing   |
| 1451 1,510                 | 1451 1,510                 | Petition to institute a public use proceeding                              |
| 1452 110                   | 2452 55                    | Petition to revive - unavoidable   |
| 1453 1,330                 | 2453 665                   | Petition to revive - unintentional   |
| 1501 1,330                 | 2501 665                   | Utility issue fee (or reissue)   |
| 1502 480                   | 2502 240                   | Design issue fee   |
| 1503 640                   | 2503 320                   | Plant issue fee  |
| 1460 130                   | 1460 130                   | Petitions to the Commissioner  |
| 1807 50                    | 1807 50                    | Processing fee under 37 CFR 1.17(q)  |
| 1806 180                   | 1806 180                   | Submission of Information Disclosure Stmt                                  |
| 8021 40                    | 8021 40                    | Recording each patent assignment per property (times number of properties) |
| 1809 770                   | 2809 385                   | Filing a submission after final rejection (37 CFR 1.129(a))                |
| 1810 770                   | 2810 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |
| 1801 770                   | 2801 385                   | Request for Continued Examination (RCE)                                    |

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) **475.00****SUBMITTED BY**

Typed or Printed Name R. Reams Goodloe, Jr.

Signature

*R. Reams Goodloe, Jr.*

Date 08/20/04

**Complete (if applicable)**

Reg. Number 32,466

Deposit Account User ID 4035

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. 1450, Alexandria, VA 22313-1450 EXPRESS MAIL LABEL NO.: ER978820966US



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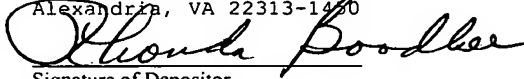
TECHNOLOGY CENTER R3700

AMENDMENT TRANSMITTAL  
Attorney Docket No: SI1-2627-U-C5

CERTIFICATE OF MAILING

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Alexandria, VA 22313-1450

  
Signature of Depositor

Rhonda Goodloe

Print Name of Depositor

Date: August 20, 2004

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

|                   |                               |             |
|-------------------|-------------------------------|-------------|
| Confirmation No.: | 3734                          | )           |
|                   |                               | )           |
| Applicant:        | EASTERBROOK, Eric T.          | )           |
|                   |                               | )           |
| Serial No.:       | 10/066,408                    | ) Art Unit: |
|                   |                               | ) 3725      |
| Filed:            | January 30, 2002              | )           |
|                   |                               | ) Examiner: |
| Title:            | METHOD AND APPARATUS FOR      | ) CRANE, D. |
|                   | IMPROVING THE FATIGUE LIFE OF | )           |
|                   | COMPONENTS AND STRUCTURES     | )           |
|                   |                               | )           |

Commissioner for Patents  
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. ☒ Applicant hereby asserts status as a small entity  
under 37 C.F.R. § 1.27.  
☐ other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 CFR § 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under  
37 CFR § 1.136 (fees: 37 CFR § 1.17(a)(1)-(4) for  
the total number of months checked below.

| EXTENSION<br>(months)                            | FEE FOR OTHER THAN<br>SMALL ENTITY | FEE FOR SMALL ENTITY |
|--|------------------------------------|----------------------|
| <input type="checkbox"/> one month               | \$ 110.00                          | \$ 55.00             |
| <input type="checkbox"/> two months              | \$ 420.00                          | \$ 210.00            |
| <input checked="" type="checkbox"/> three months | \$ 950.00                          | \$ 475.00            |
| <input type="checkbox"/> four months             | \$ 1,480.00                        | \$ 740.00            |

**FEE: \$475.00**

If an additional extension of time is required, please consider this a petition therefore.

*(check and complete the next time, if applicable)*

- ☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefore of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request: \$\_\_\_\_\_

**OR**

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition \ for extension of time.

**FEE FOR CLAIMS**

4. The fee for claims (37 CFR § 1.16(b)-(d) has been calculated as shown below:

| (Col. 1)                            |   |       | (Col. 2)                              | (Col. 3)             | SMALL ENTITY |                   |        |
|-------------------------------------|---|-------|---------------------------------------|----------------------|--------------|-------------------|--------|
| CLAIMS REMAINING<br>AFTER AMENDMENT |   |       | HIGHEST NO.<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA     | RATE         | ADDITIONAL<br>FEE |        |
| TOTAL                               | 130                                       | MINUS | 124                                   | = 6                  | x \$ 9       | =                 | \$ 54  |
| INDEP.                              | 21  | MINUS | 20                                    | = 1                  | x \$43       | =                 | \$ 43  |
| <input type="checkbox"/>            | FIRST PRESENTATION OF MULTIPLE DEP. CLAIM |       |                                       | + \$145 =            |              |                   | \$ N/A |
|                                     |   |       |                                       | TOTAL ADDITIONAL FEE |              |                   | \$ 97  |

*(complete (c) or (d), as applicable)*

(c) ☐ No additional fee for claims is required.

OR

(d) ☒ Total additional fee for claims required \$97.00.

**FEE PAYMENT**

5. ☒ Attached is a check in the sum of \$572.00.

☐ Charge Account No. 07-1613 the sum of  
\$\_\_\_\_\_.

☐ A duplicate copy of this transmittal is attached.

**FEE DEFICIENCY**

☒ If any additional extension and/or fee is required, charge  
Account No. 07-1613.

AND/OR

☒ If any additional fee for claims is required, charge Account  
No. 07-1613.

Date: August 20, 2004

Phone: 253-859-9128

Fax: 253-859-8915

Customer No. 20793

  
\_\_\_\_\_  
SIGNATURE OF ATTORNEY

R. Reams Goodloe, Jr.  
Reg. No. 32,466

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Suite 102  
Kent, Washington  
98030-5322